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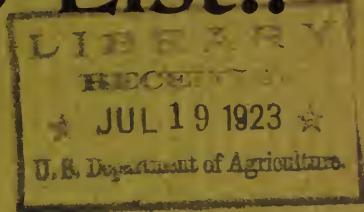
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# ..Descriptive List..

...of...



## New and Desirable

## A decorative banner with a black and white patterned border. Inside the border, the word 'PLANTS.' is written in a large, bold, red serif font.

## ..1898..



Offered by \_\_\_\_\_

**NATHAN SMITH & SON,**

Wholesale Florists,

167 West Maumee St.

ADRIAN, MICH.

# To Our Patrons.

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WE EXTEND to you our thanks for the very generous patronage conferred the past season, and assure you we shall endeavor to maintain our reputation by continued and incessant efforts to furnish only strictly first-class stock, treating each customer as liberally as such quality and our moderate prices will allow. Those desiring larger quantities than are herein quoted will be furnished favorable prices upon application. We are confident we can please you, as well as all new-comers who favor us with their orders. With the greatest care, errors will occur; in such cases you will confer a favor by advising us, so they may be rectified at once.

## Terms.

Terms cash, unless otherwise agreed upon.

Those desiring goods shipped C. O. D. are requested to advance a sufficient amount to assure us they will be accepted on delivery.

All orders executed in strict rotation, being carefully labelled, lightly and securely packed.

We would advise, as far as practical, to have all plants shipped by express; but when preferred, we will forward by mail, postpaid, at prices herein quoted, except where noted in miscellaneous plants, pages 28 to 31.

## Rates and Facilities for Shipping.

Plants in closed boxes are now forwarded to all points of the United States at "General Special Rate," and to those points where this rate does not exist, a reduction of 20 per cent. is allowed from the regular merchandise rate. Boxes weighing less than 100 pounds are charged at pound rates. Minimum charge, 35c. For example: where the merchandise rate is \$2.50 per 100 pounds, a box weighing 20 pounds will be forwarded for 40c.

From Adrian a single rate figured on above basis will be charged for plants to "common points" (that is, towns reached by any two or more,) of the following named express companies:

UNITED STATES EXPRESS CO.,

WESTERN EXPRESS CO.,

AMERICAN EXPRESS CO.,

Wells Fargo Express Co.,

Great Northern Express Co.,

Dominion Express Co.,

and to all points on the lines of the first six mentioned companies as indicated by caps.

Our agents have kindly consented to give the billing of our shipments their personal supervision, thus insuring the lowest rate to our customers. By the foregoing it will be seen that our shipping facilities are unsurpassed, which is certainly worthy of consideration.

Yours respectfully,

NATHAN SMITH & SON.



...OUR NEW...

# Chrysanthemums for 1898.

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Ready for Distribution March 1st.

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Price, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

**Arline.**—(Inc.) Pure White, dwarf, upright habit, with excellent stem. Splendid for single stem pot plants. Flowers medium size, closely incurving. Mid-season. C. S. A. Certificate.

**Thornden.**—(Jap.) A Bright Yellow under all conditions, even surpassing Modesto in this respect. This variety possesses so many good points that it will at once take first place among the many yellows. Height, 3 feet, short stout stem, form reflexed with center petals somewhat erect; color, the most intense yellow we have seen. Mid-season. C. S. A. Certificate, also Certificate from Central New York Horticultural Society.

**Merza.**—(Jap. Inc.) In habit more dwarf than Ivory, yet in no way weak in constitution, producing pure white flowers of the largest size, which rest upon its foliage. For single stem pot plants this will make a record breaker. Those benched July 20th only attained 10 and 12 inches in height. A seedling from H. L. Sunderbruch and Mrs. H. McK. Twombly. The flower is a white Sunderbruch, only higher built and more closely incurved, with nearly twice the number of petals. Mid-season. C. S. A. Certificate.

**Rustique.**—(Jap. Inc.) Quite distinct in color, being neither yellow or bronze; best described as brundore or golden brown. A bold incurved flower of the largest size. Specially meritorious for exhibition purposes. Height, 3 feet, good stem and foliage, best from terminal bud. Mid-season. C. S. A. Certificate.

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## Novelties from Various Sources.

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(Those certificated by the Chrysanthemum Society of America are indicated by a star.)

\***Alice F. Carey.**—(May.) Reflex. A beautiful light shade of pink; excellent keeping qualities; good stem and foliage; height, 3½ feet. Terminal bud. Mid-season. Price, 40 cts. each; \$3.50 per doz.; \$25.00 per 100.

\***Autumn Glory.**—(Hill.) Jap. Deep reddish salmon, gradually changing to soft shrimp pink; style, Vivian Morel; height, 4½ to 5 feet. Early mid-season. 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

**\*Boundless Snow.**—(Hill.) Jap. White flushed pink, maturing pure white; sturdy habit and dwarf growth: crown bud: early. 35 cts. each: \$3.50 per doz.: \$25.00 per 100.

**\*Black Hawk.**—(Hill.) Jap. Dark crimson scarlet, showing no trace of dull reverse. Early mid-season. 50 cts. each: \$5.00 per doz.; \$35.00 per 100.

**\*Frank Hardy.**—(Herrington.) Jap. Inc. A grand incurved pure white; sport from Good Gracious; height, 4 feet; perfect habit, stem and foliage. 50 cts. each: \$3.00 per doz.; \$20.00 per 100.

**\*H. W. Longfellow.**—(Hill.) Jap. Very large white globular bloom: slender stiff stem: foliage close to flower. Early mid-season. 50 cts. each: \$5.00 per doz.: \$35.00 per 100.

**\*Mrs. C. H. Peirce.**—(Dorner.) Jap. A soft deep yellow of globular form: robust habit; great substance; beautiful foliage; height, 3½ feet; first bud. Mid-season. 35 cts. each: \$3.50 per doz.; \$25.00 per 100.

**\*Madeline Pratt.**—(Rawson.) An incurved high built bloom; snow white. Terminal bud. Grown cool. 35 cts. each: \$2.00 per dozen.

**\*Mrs. Arthur J. Caton.**—(Rudd.) Jap. Light bronze, stem and foliage perfect; 3 feet. In perfection Oct. 6th. A promising early variety. 50 cents each: \$5.00 per doz.: \$35.00 per 100.

**\*Miss Gladys Vanderbilt.**—(May.) Ref. Pearl white with lemon shaded center: a decided novelty. Mid-season. Either bud; height, 3½ to 4 feet. 50 cts. each: \$3.50 per doz.; \$25.00 per 100.

**Merry Christmas.**—(Dorner.) Pure white; style of Mutual Friend, greater in substance and full to center; height, 4 feet; very late. 35 cts. each: \$3.50 per doz.; \$25.00 per 100.

**\*Pennsylvania.**—(Graham.) Jap. Inc. Yellow, a sport from Phila., but decidedly brighter in color. 50 cts. each: \$5.00 per doz.; \$35.00 per 100.

**\*Quito.**—(Hill.) Jap. Very late dwarf pink; style of Maud Dean; valuable from its height, foliage, color and lateness. 50 cts. each: \$5.00 per doz.; \$35.00 per 100.

**\*Robert G. Carey.**—(May.) Jap. Inc. Incurved white of good substance and keeping qualities; extra fine for exhibition or commercial purposes; 4½ feet. Terminal bud. Mid-season. 40 cts. each: \$3.50 per doz.: \$25.00 per 100.

**\*Solar Queen.**—(Hill.) Jap. Bright yellow of two shades, enormous bloom; good for either exhibition or commercial purposes. Mid-season. 50 cts. each: \$5.00 per doz.; \$35.00 per 100.

**\*Snow Queen.**—(Dorner.) Jap. Snow white, rounded form; slightly curved pointed petals; of great substance; good stem and foliage; height 3 to 3½ feet; early. 50 cts. each: \$5.00 per doz.: \$35.00 per 100.

**\*Spottswood.**—(May.) Inc. Beautiful high built incurved light yellow, somewhat the style of Bonnafon; an extra good keeper; 4 feet; either bud. 40 cts. each: \$3.50 per doz.: \$25.00 per 100.

**The Yellow Fellow.**—(Rawson.) Bud tinted bronze; maturing rich bright yellow. Mid-season. Winner of Stearns \$100 bicycle prize. 50 cts. each: \$3.00 per doz.

**\*Wm. H. Chadwick.**—(Rawson.) Jap. An immense, waxy white bloom occasionally tinted pink; perfect growth, habit, stem and foliage. Mid-season and later. \$1.00 each; \$6.00 per doz.

## Cultural Notes.

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### Early.

To secure early flowers, bench early from May 15th to June 15th. Shallow benches, abundance of air, with water applied sparingly, from Aug. 1st until the buds have formed, will tend to hasten the crop. Early varieties planted late will not make the earliest flowers.

### Late.

For late blooming, propagate in July and plant about Aug. 15th. By selecting those which naturally flower late, and keeping in a soft growing condition till Oct. 1st and after, very good blooms may be had throughout December. We would advise planting close and growing but one flower to the plant, where this method is adopted.

### Exhibition.

For exhibition blooms we would prefer the weaker kinds benched during May, to allow ample time for developing strong growth. Those which are slow in growth will need constant attention, requiring less water and feed than the vigorous sorts. The latter part of June is early enough to bench strong growing varieties. It requires nearly or quite sixty days from the time the buds are selected until the flowers are fully developed. Thus it will be seen that, when flowers are to be shown the first week of November, the buds should be selected the first days of September. Let the early varieties be the index to the later ones. Should there be no signs of buds on the early varieties by August 20th, it will be well to reduce the watering, giving only sufficient to keep them from flagging, and all the air possible to the exhibition sorts, thereby hastening wood ripening and bud formation.

### Specimen Plants.

Where extra large specimens are desired early cuttings are preferable, but with plants at hand March 1st, fine specimens may be had by giving them close attention. Most of these varieties are suitable for specimens grown to a single bloom, but would advise late cuttings for this purpose, as plants from one to two feet in height are much more effective and useful in every way.

### Market Plants.

Dwarf plants of symmetrical form with foliage down to the pots are the most salable, and when thus grown require constant attention to watering and stopping, allowing each plant plenty of room to keep the lower leaves in a healthy condition. Cuttings taken on June 1st and grown in pots or planted on old carnation benches or in spent hot-beds (light soil preferable), and lifted Aug. 1st to 10th, will make very nice plants.

### Burning and Damping.

From the fact that flowers produced under ordinary cultivation are never thus affected, it is quite apparent the long continued application of strong food, especially after the buds are formed, is the cause. With bright sun or in the high temperature which follows, the constituents taken up by the petals seem to be chemically changed into acids which destroy them, and a similar action takes place in damp, cool atmosphere, producing what we term damping. Those varieties subject to these defects should be treated carefully after the buds appear, withholding strong stimulants, or if any food is applied only in a very diluted state.

## Taking Buds.

Taking the bud is an old and obscure term and simply means selecting the best one and removing all others. There are two forms of buds, crowns and terminals. The crown is formed first and being provided with lateral growths, which will make buds later, it may be rejected.

The terminal bud is the termination of the final growth and must be retained, as there are no buds to follow.



CROWN.



TERMINAL.

If the crown is to be saved remove all lateral growths, as shown by dotted lines in illustration, and the operation is completed.

When the terminal bud is desired, should the crown appear, break it out and allow one, two or three (according to the vigor of the plant) of the growth nearest the bud to remain to grow on for terminal bud.

In a few weeks the growths show a cluster of buds, and when well advanced it will be noticed that there is one at the apex of the stem, and one at each of the leaf axels as shown in the illustration. If the center or apex bud appears perfect retain it, and remove all others with thumb and finger. This operation is termed disbudding and should be done as soon as the buds are of sufficient size to do the work without injury to the one retained. Should the center bud be imperfect, save the next best. Some growers speak of first, second and third bud. The first bud is the crown and generally comes on early propagated plants from July 15th to Aug. 15th. Removing the early bud the lateral growths push forward for about four weeks when another bud is set. In many cases this bud is not terminal, as it is provided with lateral growths; hence a late crown or second bud. By removing this bud the lateral growths in a few weeks will form the third or terminal bud.

Plants propagated in May and planted in June generally give second and third buds, and those struck in July and planted late generally give the third bud or terminal only. There are a few varieties that are best from first bud, but those who are not familiar with them will not go far astray in taking buds as fast as they appear after Sept. 1st, whether they are late crowns or terminals, that is, for exhibition blooms of the November shows. For early flowers they may be taken from two to four weeks earlier, according to the variety.

# Analysis of the Varieties.

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The following analysis of the varieties is taken from the reports of shows in New York City; Milbrook, N. Y.; Poughkeepsie, N. Y.; Syracuse, N. Y.; Portchester, N. Y.; Northampton, Mass.; Springfield, Mass.; Worcester, Mass.; New Bedford, Mass.; Providence, R. I.; Hartford, Conn.; Chicago, Ill.; Grand Rapids, Mich.; Cleveland, O.; Indianapolis, St. Louis, Toronto and Montreal.

There were eight varieties shown over 20 times; 12 varieties shown over 10 times and less than 20; and 19 varieties shown over five times and less than 10:

	No. of Times Shown.	No. Times in winning lots.		No. of Times Shown.	No. Times in winning lots.
Major Bonnaffon	37	28	Pres. W. R. Smith	4	4
Mrs. Henry Robinson	36	23	*Mrs. H. Weeks	4	4
Vivian-Morel	29	24	Lady Playfair	4	3
Queen	25	17	Frank Hardy	4	3
Mayflower	22	18	Erminilda	4	3
Niveus	22	18	E. H. Bigelow	4	3
Modesto	22	17	Eda Prass	4	4
Mrs. Perrin	21	18	Mrs. S. T. Murdock	4	3
Golden Wedding	19	14	A. H. Fewkes	4	2
Mutual Friend	17	14	H. W. Rieman	4	2
Mrs. Jerome Jones	17	14	Nemesis	4	1
W. H. Lincoln (including plants)	17	15	*Mrs. M. A. Ryerson	3	3
Mrs. G. W. Childs	17	12	*Solar Queen	3	3
Maud Dean	16	12	*Gladys Vanderbilt	3	2
Philadelphia	16	11	Nyanza	3	2
Minerva	16	11	Glory of the Pacific	3	2
Ivory (pink and white including plants)	15	13	Sunrise	3	2
Miss Georgiana Pitcher	14	12	Miss Florence Pullman	3	3
M. Wanamaker	14	10	*Australian Gold	3	2
H. L. Sunderbruch	14	7	E. G. Hill	3	1
Peter Kay(Jeannie Falconer)	9	8	Lenawee	3	1
Mrs. G. Peabody	9	6	C. B. Whitnall	3	1
Pitcher & Manda	8	3	*Mrs. Trainor L. Park	3	1
Miss Georgienne Bramhall	7	5	Mrs. G. Morgan	3	1
Mrs. M. Magee	7	6	Madame Carnot	3	1
Chas. Davis	7	4	Mary Louise	2	2
Le Colosse Grenoble (grown in the West)	7	4	Ethel Addison	2	2
Mrs. W. C. Egan	7	3	Good Gracious	2	2
Col. W. B. Smith	7	5	Ed. Hatch	2	2
John Shrimpton	6	3	Indiana	2	2
*Mrs. J. J. Glessner, (chiefly in the West)	6	6	H. E. Widener	2	2
E. Dailedouze	6	5	Hicks-Arnold	2	2
Iora	6	5	L. D. Black	2	2
Silver Cloud	6	4	Margaret Jeffords	2	1
Inter-Ocean	5	5	Madame P. Revoire (West-ern)	2	1
*Western King	5	5	Admiral Avellan	2	1
Mrs. G. M. Pullman	5	4	*The Barrington	2	1
*Sunstone	5	4	Yellow Queen	2	1
Mrs. A. J. Drexel	5	2	Boule d'Or	2	1
Mrs. G. West	4	4	Zulinda	2	1
			Marion Cleveland	2	1
			Mrs. R. Craig	2	1
			Cullingfordii	2	1

\*New varieties of 1897 and 1898. These may be considered as valuable additions, and will appear in many more exhibitions another year.

The following varieties were in prize winning lots once: W. Seward, Reine d'Angleterre, Melinda, Thomas Emerson, Sunclad, Jayne, White Boehmer, The King, Helen Wright, Elma O'Farrell, Louis Boehmer, Mrs. E. W. Clark, Vesuvius, Rider Haggard, W. Wright, Robert Bottomley, Miss C. H. Bates, Mrs. James W. Withers, T. B. Morse, Thanksgiving, Longfellow, Mrs. Farsdon, Domination, Harry Balsley, Mrs. H. McK. Twombly, Tahib Bey, Mongolian Prince, Sundew, Brazil, Autumn Glory, The Times, Charolet, Dorothy Toler, M. B. Spaulding, Ada Spaulding, Mary Wheeler, Mrs. M. Simpson, Andes, Mrs. C. Lippincott, John Ward, Apollo, The Bard, Mrs. F. L. Ames, E. Hitzeroth, John Bunyan, Golden Star, Triumph, E. D. Jacob, R. Kinkead, Rinaldo, Mrs. Starin, Princess of Chrysanthemums, Mrs. Bullock.—*Florists' Exchange*.

## Read these Conditions

BEFORE MAKING YOUR ORDER.

### Conditions of Sale.

**Plants.**—Positively not less than 5 plants of one variety at 100 rates, and where dozen rates are given, not less than 6 at doz. and 25 at 100 rates.

**Rooted Cuttings.**—We will furnish rooted cuttings of Chrysanthemums in quantities of not less than 25 of a kind, at  $\frac{1}{2}$  off the 100 rates herein quoted, excepting the new varieties of 1898, the European collection and those designated in general collection as new.

In the following collections the new varieties of 1897 are indicated by a star.

## European Collection.

The following varieties have been imported during the past two seasons, which we believe are the best of the English and French of recent introduction:

**\*Ambrose Thomas.**—Crimson red; very free and dwarf habit. Early October. 35 cts. each.

**Australie.**—Light rose amaranth; silvery reverse; an Australian production. 25 cts. each.

**Australian Gold.**—(Jap. Inc.) Large incurved light yellow: medium height; second bud. Avoid excessive feeding. 20 cts. each; \$15.00 per 100.

**Bonnie Dundee.**—Rosy bronze; a splendid globular flower of great substance. 25 cts. each.

**\*C. W. Richardson.**—Rich golden yellow, very long incurved petals. 35 cts. each.

**\*Duke of Wellington.**—(Jap. Inc.) Enormous size; color, salmon buff. 35 cts. each.

**Dorothy Seward.**—Bright terra cotta red. 25 cts. each.

**\*Emily Silsbury.**—White of medium size, maturing in October. 35 cts. each.

**Edith Tabor.**—Pale golden yellow; broad, recurving petals; robust habit. Mid-season. One of the best. 25 cts. each.

**\*Framfield Beauty.**—(Sing.) Deep rich velvety crimson. We have seen no red that can compare with its color. 25 cts. each.

**\*George Seward.**—Dark orange with crimson shadings; long drooping florets. 35 cts. each.

**\*In Memoriam.**—Rich chestnut striped with gold; long drooping florets. 35 cts. each.

**\*Joseph Brooks.**—Rich orange shaded crimson scarlet; long, drooping and slightly twisted florets. 35 cts. each.

**\*J. S. Bidencope.**—Rosy amaranth, silvery reverse. Petals long and slightly twisted. 35 cts. each.

**\*John Neville.**—Rich crimson carmine; reverse deep old gold. 35 cts. each.

**Janette Sheahan.**—Golden yellow; slightly tinged bronze; very dwarf; two first-class certificates. 35 cts. each.

**\*Lady Hanham.**—Rosy cerise shading to gold. A sport from V. Morel. 50 cts. each.

**\*Leocadie Gentils.**—A yellow sport from "L'Enfant des deux Mondes." We consider this the best yellow hairy variety yet introduced; color is bright and pure without any trace of brouze. 50 cts. each.

**Lady Byron.**—(Inc.) Large spreading flower; petals long and broad; pure white. Mid-season. Medium height. 25 cts. each.

**Lady Esther Smith.**—Broad incurving petals of ivory white; dwarf; sturdy habit; early. 25 cts. each.

**Lago Maggiore.**—(Jap.) Petals broad, drooping and intermingling; bright golden yellow. 25 cts. each.

**Lady Kennaway.**—A large bloom, at its best early in October. Described as a beautiful shade of pink, as seen in the Baroness Rothschild rose. 50 cts. each.

**\*Miss Dorothy Foster.**—(Inc.) A beautiful incurved silvery mauve color. 35 cts. each.

**\*Mrs. G. W. Palmer.**—A bronze sport from Mrs. C. H. Payne. 50 cts. each.

**\*Miss Violet Foster.**—(Inc.) Color silvery rose; a large flower. 50 cts. each.

**\*Mrs. Malling Grant.**—A very large reflex flower; a distinct and beautiful shade of yellow. 50 cts. each.

**\*Mrs. Hugh Gardner.**—(Ane.) Deep rose high built flower, full disc, which is tipped with gold. 35 cts. each.

**Mrs. Geo. Armistead.**—White, striped and flushed pink; long, narrow florets; an exhibition variety. 25 cts. each.

**Mrs. Geo. Carpenter.**—Exhibition variety; rosy mauve; silvery reverse. 25 cts. each.

**Mrs. H. Weeks.**—(Jap. Inc.) A beautiful pure white; center incurving; outer petals gracefully reflexing. A valuable addition to the whites, being suitable for any purpose. 25 cts. each; \$20.00 per 100.

**Mrs. Hermann Kloss.**—(Jap.) This is another very promising variety; flowers large, style of Etoile de Lyon; color, dark orange, flushed with red; second crown or terminal bud. 25 cts. each.

**Miss Mary Godfrey.**—(Jap.) Silvery pink; edge of florets deeper; a bloom of good depth; moderately early; promising. 25 cts. each.

**Olive Olee.**—(Jap. Inc.) Large, deep bloom; petals, broad and closely incurving; rich buff, shading bronze; one of the most promising varieties of the '96 importations. 25 cts. each.

\***Ponderosum.**—(Jap. Inc.) Large pearly white with delicate pink base. 35 cts. each.

**Pride of Madford.**—(Jap. Inc.)—Rich, rosy amaranth: reverse lighter; broad petals incurving at the center. 25 cts. each.

\***Royal Sovereign.**—(Jap.) A large spreading deep yellow; petals of great length, incurving at tips. 50 cts. each.

\***Yellow Mme. Carnot.**—A deep canary yellow sport from Mme. Carnot, identical in every particular, excepting color. 50 cts. each.

## General Collection.

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In arranging the general collection, we have endeavored to classify the varieties, placing each in their proper class. It is often difficult to properly classify, as much depends upon how they are grown. Crown and terminal buds often give widely different flowers, and varied cultural methods will give varied forms. We have given the characteristics of the several types, and trust it may be of assistance to many in this work. The two classes most largely grown are the Japanese and the Japanese incurved. These we have arranged according to their period of flowering into three sections, namely: early, mid-season and late. Those that are naturally early and late, we have placed under these headings respectively, and all others as mid-season. It is difficult to give the exact date of flowering, for example—Mme. F. Bergmann has been marketed the last of September, although some do not flower it until October 25th, so much depends on the cultivator.

### Incurved.

#### (FORMERLY KNOWN AS CHINESE.)

The incurved flower should be as near a globe as possible, the florets smooth, regularly arranged and rounded at the tips. Any tendency of the lower florets to hang loosely or depart from its imbricated form would exclude it from this class.

Price, 5 cts. each; \$3.00 per 100, except where noted.

\***Bonnie Dundee.**—Rosy bronze. A splendid globular flower of great substance. 10 cts. each; \$5.00 per 100.

**Belle Pontevine.**—Medium size; white changing to rose.

**C. B. Whitnall.**—Rich, deep purplish maroon, reverse dull purple; large, strong grower; medium height: very fine when well grown.

**Congo.**—Light yellow, of exquisite color.

\***C. W. Ward.**—(Spaulding.) Pure snow white, perfect as regards stem, form and foliage; good keeper and shipper; 3½ feet, either bud. 10 cts. each; \$5.00 per 100.

\***Dorothy Deven.**—(Spaulding.) Closely incurved; pure white; stem and foliage the best; late, Dec. 1st to 10th; 3½ feet; crown bud. 10 cts. each; \$5.00 per 100.

**Flora McDonald.**—Most perfect incurved, with very hard center; creamy white.

**Irma.**—A grand pink variety of perfect form; flowers very double on strong footstalks. 10 cts. each; 75 cts. per doz.

**Ideality.**—A pure white, of very perfect form. It might be described as a white Mrs. L. C. Maderia: same in form and style of petals: very dwarf; late. 10 cts. each; 75 cts. per doz.

**Lord Wolesley.**—Bronzy red; perfect form; early and tall.

**L'Amethyste.**—Rich violet purple, medium height; vigorous. 10 cts. each; \$6.00 per 100.

**\*Lorelei.**—(Bock.) A very solid incurved medium size; fine stem and foliage; center white; lower petals lilac pink; 3½ feet; crown bud. Mid-season. 10 cts. each; \$5.00 per 100.

**\*Mrs. T. D. Hatfield.**—A pure, yellow Chinese, of perfect habit and build; lemon yellow; incurved; ample foliage, well up to flower. 10 cts. each; 75 cts. per doz.

**Mongolian Prince.**—Large golden bronze; dwarf. Mid-season. 10 cts. each; \$4.00 per doz.

**Miss Louise D. Black.**—Rich orange yellow; solid, compact bloom; style of Maderia, but larger.

**Mrs. Robert Craig.**—In form, the purest white, spherical Chinese; large in size; pure in color; one of the best.

**Mrs. L. C. Maderia.**—A perfect compact globe, of bright orange color; petals upright, like unopened pointed quills.

**\*Miss Lottie D. Berry.**—(Pitcher & Manda.) Large, fine white, incurved Japanese; very full and double; borne on strong stiff stems, with ample foliage. Mid-season. 10 cts. each; \$5.00 per 100.

**\*Mrs. Theo. Beckert.**—(Bock.) Incurved; medium size; very light pink; stem and foliage perfect; terminal bud. Mid-season. 3½ feet. 10 cts. each; \$5.00 per 100.

**\*Mrs. Col. Goodman.**—(Knapp.) Incurved, color varying to white, blush, or pink, according to the temperature; 5 to 6 inches in diameter; excellent substance; suitable for specimen blooms or pot culture; stem and foliage perfect. 10 cts. each; \$5.00 per 100.

**Mrs. Heale.**—White; slightly tinted rose; large and fine.

**Major Bonnaffon.**—Grand, full; very soft, clear yellow, of perfect form and dwarf habit.

**Mabel Ward.**—A very pleasing shade of yellow and perfect form.

**Miss Gladys Spaulding.**—Snow white Chinese, of perfect form and habit.

**Mrs. R. C. Kingston.**—Pearly white, suffused with pink; very compact and high in build; one of the best. 10 cts. each; 75 cts. per doz.

**Oeta.**—Bright yellow, shading to orange; flowers perfect form; very dwarf.

**Pride of Castlewood.**—Large, pure white; high, round and well built form, one of the very best of this class. 10 cts. each; \$5.00 per 100.

**Rena Dula.**—In perfection October 10th; dwarf; stiff stem; color, deep pink. 10 cts. each; 75 cts. per doz.

**Rose Owen.**—Grand extra early pink, Sept. 25th to Oct. 10th. Clear, bright, self pink; perfect form and finish; clean, stiff stem, with neat, bright foliage. 10 cts. each; \$5.00 per 100.

**\*Sundew.**—Golden bronze, of great substance; good habit stem and foliage. Early, Oct. 10th. 10 cts. each; \$5.00 per 100.

**Violet Tomlin.**—Bright purple violet; sport from Princess of Wales; very fine.

**Yonitza.**—Flowers erect, on stout stems; color white, with delicate green shadings; form perfect; very late.

## Japanese.

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No definition can be given to include all the varieties found in this class. The flowers are irregular in form, the florets may be short or long, narrow or broad, smooth and straight or twisted, or whirled, and may be flat or quilled for a part or their entire length.

Price, 5 cts. each; \$3.00 per 100, except where noted.

### Early.

**Domination.**—An old variety still considered good for cut blooms and pot plants; white.

**\*Elvena.**—Soft, silvery pink throughout; broad incurved petals; good stem and foliage; Oct. 10th to 15th; a valuable early variety. 10 cts. each; \$4.00 per 100.

**\*Geo. S. Kalb.**—Pure white, slightly reflexed; full to the center; stem and foliage excellent; ready to cut Oct. 2d; terminal bud; 3 feet. 10 cts. each; \$5.00 per 100.

**Geo. S. Concover.**—A good variety; should be more generally cultivated; flowers large; splendid habit and stem; yellow.

**Gloriosum.**—Light yellow; distinct from all others.

**Glory of Pacific.**—This variety possesses many good points, viz.: dwarf, but vigorous; very early and a beautiful shade of pink; large in size: it is easy to do and must become a favorite among commercial growers.

**\*Golden Wonder.**—Reflexed; extra large; golden yellow shading deeper at center; crown or terminal bud; 3½ feet. 10 cts. each; \$5.00 per 100.

**H. L. Sunderbruch.**—Very large bright yellow; an all-around good variety.

**J. E. Lager.**—Growth exceedingly strong; flower yellow; somewhat reflexed; very good.

**Katherine Leech.**—Beautiful light pink; dwarf; fine stem and foliage.

**Lady Fitzwigram.**—The earliest of all whites; flowering the last of September to first days of October; dwarf; useful for early market plants and for cut blooms: 4 to 5 inches in diameter when disbudded. 10 cts. each; \$4.00 per 100.

**Marion Henderson.**—Has not as yet been superseded by any early yellow; indispensable for this purpose.

**Marquise de Montmort.**—The earliest pink variety on the market the past two seasons, having been cut the last days of September; moderately tall, but good stem.

**Merry Monarch.**—A large spreading flower, when grown under a high state of cultivation; is useful, owing to its earliness; ready to cut October 5th; creamy white.

**Midge.**—Very dwarf. 18 to 24 inches in height; flowers very double, pure white; stem very short. It resembles Mme. F. Bergman, but being as early and a larger flower, is an improvement on that popular variety. 15 cts. each; \$8.00 per 100.

**Miss M. M. Johnson.**—A dwarf; bright yellow.

**Mme. F. Bergman.**—This variety seems to hold its own; by many growers this is considered the best early white; its whole, structure, stem, foliage and flower are all good.

**Mrs. Chas. Blick.**—A large pure white, loosely incurved; early Oct. 15 cts. each; \$10.00 per 100.

**Mrs. J. Lewis.**—Pure white, rather reflexed in form; very large. Oct. 15th. 15 cts. each; \$10.00 per 100.

**Mons. Benj. Giroud.**—The best early bright crimson; color, Geo. W. Childs; very dwarf habit. 10 cts. each; \$6.00 per 100.

**Mrs. Henry Robinson.**—Will give a marketable flower early in October, hence it is so classed; when fully done it is grand, being large and deep: pure white; good for all purposes.

**Mrs. J. T. Anthony.**—Bright pink; dwarf habit. 10 cts. each; \$5.00 per 100.

**Nemesis.**—Light pink; dwarf habit; second early.

**Queen of Earlies.**—Pure white; flowering early in October. 15 cts. each; \$10.00 per 100.

**Rose Owen.**—(For description, see Incurved.) 10 cts. each; \$5.00 per 100.

**Sadi Tahib Bey.**—(For description, see reflexed.) 15 cts. each; \$10.00 per 100.

**\*T. B. Morse.**—Clear, bright golden yellow; petals broad and incurving to the center; stem and foliage perfect; Oct. 10th to 20th; 4 feet. 10 cts. each; \$5.00 per 100.

**\*Yellow Monarch.**—A yellow sport from Merry Monarch, identical except in color, which is a pleasing canary. The earliest large yellow to date. Ready to cut Oct. 15th. 10 cts. each; \$5.00 per 100.

**Yellow Queen.**—Yellow from crown bud; lower petals bronzy from terminal; a great favorite.

### Mid-Season.

**Boule d'Or.**—Broad, incurving petals; golden buff: dwarf: fine for single stem pot plants. 15 cts. each; \$10.00 per 100.

**Black Beauty.**—Very dark red; dwarf; sturdy growth.

**C. Harman Payne.**—(Jap.) A fine exhibition variety; very large; petals long and drooping; dark purplish violet. 15 cts. each; \$10.00 per 100.

**Clinton Chalfant.**—A yellow sport from Joseph H. White; very useful for market plants.

**Chas. Davis.**—A sport from Viviand Morel, possessing the same excellent habit; golden bronze.

**\*Chito.**—A good back row flower for exhibition collections. Strap petal, yellow ground, with fine red stripes, giving it a bronzy appearance; maturing November. 10 cts. each; \$5.00 per 100.

**\*Defender.**—Dark crimson, slightly reflexed, showing only upper surface of petals; stem and foliage A1; 8-inch blooms. 10 cts. each; \$6.00 per 100.

**\*Elainor.**—Deep pink, reverse clear rose; large incurved flower; good stem and foliage; second early. 10 cts. each; \$5.00 per 100.

**\*Eureka.**—Porcelain white; size and form similar to Philadelphia; crown bud; 4 feet. 10 cts. each; \$5.00 per 100.

**Fisher's Torch.**—Pure, deep red; petals flat, satiny finish. Does not burn easily.

**Fred. Waltz.**—Suitable for pot culture; exceedingly dwarf; bright pink.

**Geo. W. Childs.**—An exquisite shade of bright crimson. Give high cultivation until buds are formed and do not feed thereafter. See our remedy for petals burning, cultural notes.

**Golden Gate.**—Extra large with broad, strap petals; very good for exhibitions; golden bronze.

**Golden Wedding.**—Took a prominent part in last fall's exhibitions, being shown in many classes to good advantage. Its size and color (bright yellow), making it very conspicuous. \$4.00 per 100.

**Harry Hurrell.**—A flower very similar to H. W. Rieman, but is fully done the last week of October. Double; very compact: stem and foliage perfect: bright yellow. 10 cts. each: \$5.00 per 100.

**Hicks Arnold.**—Although sent out five years ago, is still held in esteem for pot plants: moderately early; light, golden bronze.

**Heron's Plume.**—Pure white, at first opening flat and as it matures gradually curls and interlaces into an irregular ball, varying one with another in outline. 10 cts. each: 75 cts. per doz.

**Iora.**—Petals tubular their entire length, which are whirled in their arrangement: an exceedingly artistic flower of light pink color.

**John Schrimpton.**—Bright crimson, same color as Geo. W. Childs, which it follows in flowering: splendid dwarf habit.

**Joseph H. White.**—White, suitable for market plants; moderately early.

\***Kentucky.**—Pure even shrimp pink: petals, long, narrow, standing out straight, much like those of L. B. Bird: easy grower. Mid-season. 10 cts. each: \$5.00 per 100.

**King of Kaffers.**—Golden amber: tubular petals. 10 cts. each: 75 cts. per doz.

\***Leonidas.**—Amaranth shaded maroon; straight, flat petals; a bold imposing flower for exhibitions. 10 cts. each: \$5.00 per 100.

\***Lorna Doone.**—An exceptionally large flower, of the finest snow white: petals curl and interlace at maturity; very dwarf; 2½ feet; either bud. 15 cts. each: \$1.00 per doz.

**Merula.**—Very double: beautiful shade of light pink; dwarf; semi-early; 3 feet: equally good for either commercial or pot culture. 10 cts. each: \$5.00 per 100.

**Mayflower.**—White, bold, irregular flower. Has taken first place at Chicago show the past two seasons, in the class of forty blooms. Certainly a very meritorious variety.

**Middle. M. A. de Galbert.**—Broad, incurving, white petals, though not globular: a promising sort. 10 cts. each: 75 cts. per doz.

**Middle. Theresa Rey.**—Pure white; slightly reflexing. A variety that should be more extensively grown.

**Minerva**—Large, yellow, especially adapted for single pot plants.

**Miss Helyett.**—Somewhat flat: color, purplish crimson: good habit: quite distinct and useful for show purposes.

\***M. M. Wallace.**—Large violet or lilac pink of great substance; petals broad and stand erect: extra dwarf; 2½ feet: crown bud. 10 each: \$5.00 per 100.

\***Mrs. J. Withers.**—Clear yellow, of great substance; incurving slightly to the center; terminal bud; 3 feet. 10 cts. each: \$5.00 per 100.

**Modesto.**—4 feet. Intense yellow; unsurpassed in size: incurved and slightly whirled in form, with full high center; the finest yellow yet produced. 10 cts. each: \$4.00 per 100.

**Miss M. Lear.**—Bright crimson. 10 cts. each; 75 cts. per doz.

**Miss L. Magee.**—Beautiful light pink; very vigorous, stem and foliage ample. 10 cts. each; \$4.00 per 100.

**Miss Minnie Wanamaker.**—An old stand-by. Many growers consider this the best late white; it is certainly too good to cast aside.

\***Mrs. J. J. Glessner.**—A distinctive formed light yellow flower; perfect stem and habit; excellent keeping qualities; equally fine as bush plants. 10 cts. each; \$5.00 per 100.

**Mme. Felix Perrin.**—(Syn. Mrs. Perrin.) A pleasing shade of bright pink: flowers globular: stem and foliage perfect.

**Mme. Phillip Rivorire.**—Pure ivory white, of fine satin finish: habit excellent. We think this will be received with favor when better known. 10 cts. each: \$5.00 per 100.

**Mrs. A. J. Drexel.**—Bright crimson lake; still the best of this color for the show tables.

**Mrs. Geo. Morgan.**—Large yellow, nicely formed: dwarf and sturdy.

**Mrs. J. Peabody.**—Large, pure white, fine in build and finish: one of the best of last year's introductions.

\***Mrs. F. A. Bevan.**—Flesh pink: long, tapering, drooping florets. A very large and beautiful Japanese variety. 10 cts. each: 75 cts. per doz.

**Mrs. S. J. Farrington.**—Salmon pink, of a pleasing shade.

**Mrs. S. T. Murdock.**—In perfection Nov. 10th to 20th. Soft pink: good substance.

**Mrs. W. H. Rand.**—A peculiar flower, with thread-like petals; very distinct.

**Mrs. W. P. Raynor.**—White, flat petals: slightly reflexing toward the stem.

**Mrs. John Shrimpton.**—Distinct shade of golden buff. 10 cts. each: 75 cts. per doz.

**Mutual Friend.**—A broad, spreading flower of the purest white: height, 3 feet. One of the best.

\***Mrs. M. A. Ryerson.**—A pure white of distinctive form: reflexed from crown bud and from terminal center builds up with interlacing, incurved petals, making a beautiful high flower. Mid-season. 10 cts. each: \$5.00 per 100.

**Nellie Elverson.**—An exhibition bronze of immense size and of great substance: color, Indian red.

**Niveus.**—Grand white: easy to grow: one of the best cut flower varieties for either commercial or exhibition purposes.

**Nyanza.**—There is no variety of the Mrs. Wheeler type possessing so many good points as Nyanza. It is a strong, free grower, and petals are so arranged as to show both the crimson scarlet lining and golden reverse to the best advantage. 10 cts. each: \$5.00 per 100.

**Pitcher and Manda.**—Petals tubular: inner portion of the flower yellow, while the outer five or six rows of petals are white: unique.

\***Porcelain.**—A reflexed seedling from Snowball. Fine stem and foliage: rather late, terminal bud: pure paper white, turning to pink with age. 10 cts. each: 75 cts. per doz.

**Pallanza.**—(Jap.) Pure bright yellow: opening in a whirl, and developing into a graceful reflexed form: each petal appearing as though it had been twisted by hand: take crown bud, otherwise its stem is weak. 15 cts. each: \$1.50 per doz.

**Red Warrior.**—Another one of the good novelties of '96. Chestnut red, nearly identical in color with W. W. Coles, but double: form good: excellent habit. A valuable addition to the exhibition class: rather early.

**Reine d'Angleterre.**—(Jap.) Broad flat reflexed petals, of a bright, rosy pink: robust: dwarf. Mid-season. One of the very best of recent importation. 10 cts. each: \$5.00 per 100.

\***Romance.**—On the style of The World: long, tubular petals hooking up at the ends: white, slightly shaded lemon: very artistic. 10 cts. each: 75 cts. per doz.

**Silver Cloud.**—Certainly a beautiful color and fine in every way: habit good; flower large; color delicate salmon.

**\*Sunstone.**—Most pleasing and distinct in color combination, petals hook up at end, showing light straw reverse: upper surface bright yellow, shading to red at base. It still is the most beautiful combination of colors yet produced: terminal bud; height 5 feet. 10 cts. each: \$5.00 per 100.

**\*Simplicity.**—An exhibition variety of great merit, rivaling Mme. Carnot in size but more beautiful. Pure white. *Niveus x Parthenia*. F. C. C. 10 cts. each: 75 cts. per doz.

**\*Snowdon.**—Pure white; long strap petals: exceptionally large, tall. *Snowball x Mme. Chas. Molin.* F. C. C.—N. C. S. 10 cts. each: 75 cts. per doz.

**Souv. de Petit Annie.**—Very dwarf; pure white; fairly early. Good for single stem plants.

**\*Starlight.**—Tubular petals a trifle larger than those of L. B. Bird. Pink shaded yellow at tips; a large distinct flower; habit dwarf and sturdy. 10 cts. each: 75 cts. per doz.

**\*The Times.**—A very large, bold flower: deep pink at base: shading to silvery pink at tips of petals. Mid-season. 4 feet. 10 cts. each: \$5.00 per 100.

**\*Velmar.**—John H. Taylor x Frank Thomson. Center incurving: outer petals slightly drooping; ground color white, with pink penciling; extra large and desirable for exhibition. 10 cts. each: 75 cts. per doz.

**Vernal Fall.**—A peculiar petaled tubular flower; outer ones straight; center incurved.

**V. H. Hallock.**—Light pink of a pleasing shade; good sturdy habit.

**Viviand Morel.**—Bright pink; a great favorite with every one; good for any purpose.

**\*Western King.**—Pure white; an incurving flower with outer petals slightly reflexing: excellent stem and foliage. Its slow propagation is its only fault. It produces one of the finest whites yet shown. 15 cts. each: \$10.00 per 100.

**Zulinda.**—Silvery rose; remarkable substance; outer petals tubular; slightly reflexing; center ones flat at points and incurved.

## Late.

**Achilles.**—Large, bold incurving flower: white with slight pink markings.

**Chebeague.**—A seedling from V. H. Hallock of great promise. Color of Harry Balsey, but shorter growth. Best from terminal bud. 10 cts. each: \$4.00 per 100.

**Cyrus H. McCormick.**—A large bronze, flat flower.

**Eda Prass.**—Salmon pink; very useful for pot culture.

**Ermenilda.**—Bright pink: fine habit and a good flower.

**Gretchen Buettner.**—White; irregularly reflexed; fine habit.

**H. W. Rieman.**—Its dwarf habit, fine high-rounded flower of bright yellow, gives this variety a prominent place in this class. \$1.00 per 100.

**Le Colosse Grenoblois.**—An extra large flower. A July crown bud for best results; pink. 10 cts. each: \$1.00 per doz.

**Liberty.**—A promising yellow for late cutting: large flower: good color and excellent habit. 10 cts. each: \$4.00 per 100.

**Lillian B. Bird.**—Straight tubular petals pointing in every direction: soft pink.

**Royal Windsor.**—Primrose yellow; dwarf; sturdy habit. 10 cts. each: 75 cts. per doz.

**\*The Harriott.**—Deep rose; silvery reverse; large and good substance; valuable as a late commercial pink; Dec. 15th to 20th; 3 feet. 10 cts. each: \$5.00 per 100.

**\*Thanksgiving.**—Sturdy habit; flowers large, delicate pink; mid-season to late; 4 feet. 10 cts each: \$5.00 per 100.

**W. H. Lincoln.**—Bright yellow, one of the best.

**Yanoma.**—Very late; pure white: petals long and loosely arranged. Certificated at Cincinnati, Dec. 15th, 1895.

## Japanese Incurved.

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The flowers of this section are remarkable for their bold and striking character, incurving, regular or irregular, but must be sufficiently incurved to present a globular outline. These may be shown in the Japanese classes, provided they are not excluded by the regulations governing the competition.

Price, 5 cts. each; \$3.00 per 100, except where noted.

### Early.

**Autumn Bride.**—A pure paper white, closely incurving; of large size short stiff stem; very desirable.

**\*Belle of Castlewood.**—Shell pink; broad incurved petals; very large; extra early from crowns; 3½ feet. 10 cts. each; \$5.00 per 100.

**\*Casco.**—(Jap. Inc.) A distinct shade of bright garnet; short strong stem; unexcelled for pot culture; in perfection Oct. 15th. 10 cts. each; \$5.00 per 100.

**\*Dorothy Spaulding.**—Deep rose pink, shade of Maud Dean; large, globular flower; good shipper and keeper; extra early; crown bud; 4 feet. 10 cts. each; \$5.00 per 100.

**\*Golden Trophy.**—A grand early yellow, very dwarf, requires no tying; very double, incurved; has been called an early Bonnaffon. 10 cts. each; \$5.00 per 100.

**Her Majesty.**—A sport from Mrs. E. G. Hill, partaking the good qualities of that variety, the only difference being a lighter shade of pink.

**Ivory.**—A well known variety; pure white, globular form, good for all purposes.

**Ivory Rose.**—A pink sport from the above; identical in other respects.

**J. H. Troy.**—In perfection Oct. 20th; creamy white; fine form and habit. One of the best second early whites.

**\*J. H. Woodford.**—Large shell pink; high globular form; petals closely incurved; extra early; can be cut Oct. 10th. 10 cts. each; \$5.00 per 100.

**Kate B. Washburn.**—A white sport from Mrs. E. G. Hill; identical in every way except color. Those who grow Mrs. E. G. Hill well, should try this equally good white.

**Lady Playfair.**—A second early pink of great merit; large, well formed incurved flowers, with good substance.

**\*Loantika**—Bright, clear red, early and large reflexed, but very full; Oct. 10th to 15th. 10 cts. each; \$5.00 per 100.

**Mrs. E. G. Hill.**—A very large pink flower; habit tall.

**Mrs. W. C. Egan.**—A large, bold flower, coming the last of October; creamy white, suffused with pink.

**Marion Cleveland.**—White, shading to lemon at center; dwarf and early. 10 cts. each.

**Miss Agnes L. Dalskov.**—As far as we can detect, this and Ivory Rose are synonymous. Both of these varieties vary in color under different conditions, being magnificent when the bright pink color is obtained. These varieties are often called Pink Ivory.

**Wm. Simpson.**—Distinct in color; bright pink; very large, tall.

## Mid-Season.

**Amber Ada Spaulding.**—A sport from Ada Spaulding. Bronze at base, shading to light amber at center.

**\*Adelaide.**—Fine, compact white flower; good stem and foliage; recommended for commercial purposes. 15 cts. each; \$10.00 per 100.

**Australian Gold.**—(For description see European Novelties.) 20 cts. each; \$15.00 per 100.

**Buff Globe.**—A sport from Good Gracious; color buff, shaded orange.

**Betty Bock.**—Flowers of a medium size, of a beautiful light pink as seen in Daybreak Carnation. Good stem, dwarf habit.

**\*Castleton.**—Large, pure white; incurved in the form of Mrs. Jerome Jones, of great substance; stem and foliage perfect; 3½ feet; either bud. 10 cts. each; \$5.00 per 100.

**Col. W. B. Smith.**—When properly grown this is a grand exhibition variety, with broad incurving petals; golden bronze.

**Daylight.**—Sulphur yellow; large and well formed; fine habit; ample foliage; perfect stem. 10 cts. each; 75 cts. per doz.

**Director Tisserand.**—Bloom large; curling and interlacing petals; bright red on yellow ground; medium height. Mid-season. 10 cts. each; \$6.00 per 100.

**\*Evangeline.**—A pure white, similar in form to Kioto. Pure and waxy in appearance. 10 cts. each; \$5.00 per 100.

**Edward Hatch.**—Soft, creamy white, suffused with pink; very good for exhibition collection.

**Edward A. Kimball.**—Peculiarly striking flower; crimson and old gold, but incurves so closely as to show the crimson only on a few of the lower drooping petals. 10 cts. each; \$5.00 per 100.

**Eugene Dailedouze.**—One of the most popular yellows, and deservedly so; bright in color; fine form; give generous culture and it is hard to beat.

**Georgienne Bramhall.**—Soft straw color, very pleasing; beautiful in form; moderately early.

**Georgiana Pitcher.**—Robust, but short jointed; foliage sets close to the flower, which is bright yellow.

**Good Gracious.**—Soft pink; incurved and twisted, overlapping each other irregularly.

**Gov. Budd.**—A lemon yellow sport from The Queen, identical with its parent in other respects. 10 cts. each; \$6.00 per 100.

**Helen Bloodgood.**—True clear pink of an exquisite shade. A very desirable variety.

**Jeannie Falconer.**—Lemon yellow; dwarf; good stem and foliage.

**Jayne.**—Dark rose; high built, regular form; dwarf.

**Lenawee.**—Generally pure white; sometimes shaded pink; high, well built flower. Vigorous growth, rather tall.

**Marguerite Jeffords.**—Though comparatively old, this is one of the best light bronzes for exhibitions. A fine solid bloom. Give rich soil and good cultivation.

**Mrs. Craige Lippincott.**—Very bright yellow; useful in exhibition collections.

**Mrs. George A. Magee.**—Large and perfect in form, maturing into a perfect ball. Pinkish lilac; a splendid exhibition variety.

**\*Mrs. R. D. Douglass.**—Identical in form and texture with Bonaffon; opening bright yellow; lower petals occasionally show bronze shading with age; either bud; 5 feet. 10 cts. each; \$5.00 per 100.

**\*Mrs. R. McArthur.**—Pure snow white; incurved; stem and foliage perfect; either bud;  $3\frac{1}{2}$  feet. 10 cts. each; \$5.00 per 100.

**\*Maud Adams.**—Petals cup and interlace, forming a globular ball of yellow; one of the best late yellows; terminal;  $4\frac{1}{2}$  feet. 10 cts. each; \$5.00 per 100.

**Mrs. George West.**—One of the largest sorts grown; stiff stem; rosy purple inside; silver pink reverse. \$4.00 per 100.

**Mrs. H. McK. Twombly.**—Dwarf habit; stiff stem. White, sometimes shaded with pink.

**Mrs. Howard Rinek.**—Creamy white; very high in build. Good habit and stem.

**Mrs. S. C. Probin.**—Clear pink; silvery reverse; good substance; dwarf; sturdy growth. 10 cts. each; 75 cts. per doz.

**Mons. Ed. Andre.**—A very large bronze; petals long and interlacing; broad and flat, arranged to form a great ball. Fine for exhibition. 10 cts. each; \$4.00 per 100.

**Philadelphia.**—Petals creamy white, shading to primrose at tips; whirled incurved form. No collection complete without it. \$4.00 per 100.

**Peter Kay.**—(See Jeannie Falconer, which is identical.)

**\*Symphonia.**—Form of Ivory; medium size; carmine pink with silvery reverse;  $1\frac{1}{2}$  to 2 feet high. 10 cts. each; \$4.00 per 100.

**The King.**—Large size and great substance. Inner surface of petals deep red; reverse, golden bronze; dwarf. Moderately early.

**The Queen.**—Pure white. Grand for exhibitions.

**Western Pride.**—Amber shaded old gold.

## Late.

**Autumn Glow.**—This is unquestionably the best close incurved, late, light bronze yet sent out. It is full double and in form is like Maud Dean and Mrs. Jerome Jones, only more regular in outline. 10 cts. each; \$5.00 per 100.

**E. M. Bigelow.**—Bright crimson; short jointed erect growth; with foliage nearly up to the flower. 10 cts. each; \$5.00 per 100.

**Frances B. Hayes.**—A pleasing shade of bright pink, much the same as that of Helen Bloodgood; easy to grow, short jointed and sturdy. 10 cts. each; \$5.00 per 100.

**Harry Balsley.**—Among pinks, this is unequaled in color. It is inclined to grow tall. It does best planted rather late and generously fed; select terminal bud.

**Henry Nanz.**—A golden sport from Mrs. Jerome Jones, identical in every way except color, which is light yellow with pink shadings on the outer petals. 15 cts. each; \$10.00 per 100.

**Harry May.**—Golden bronze.

**Invincible.**—A very large white, and promises to be one of the best late sorts. 10 cts. each; \$6.00 per 100.

**Kioto.**—One of the varieties that has been superseded, from the commercial point of view, yet is distinct and worthy a place among exhibition collections; bright yellow; closely incurved.

**Maud Dean.**—Cannot be too highly commended for late shows and trade in general. A pleasing shade of pink, and habit the best.

**Mrs. Harry Toler.**—This is the strongest of the '96 novelties, making large foliage and heavy canes. Creamy white, with slight pink cast; a large and beautiful formed flower.

**Mrs. Jerome Jones.**—This variety continues to gain favor each year among growers; it is generally shown the first week of November, and may be had as late as Christmas in fair quality when planted late. It is usually white, but with some it is pink.

**Mrs. Adelaide White.**—A large flower; comes Nov. 10th and after. White, shading to pink on lower petals; strong, sturdy growth. 10 cts. each; \$5.00 per 100.

**New York.**—White, large and high built; not as easy to grow as some, but promises to be one of the best late varieties when its requirements are better understood. 15 cts. each; \$10.00 per 100.

**Octoroon.**—Very dwarf; excellent for single stem pot plants. Inner surface of petals red, reverse lighter. 10 cts. each; \$5.00 per 100.

**Pres. W. R. Smith.**—Light, pleasing shade of pink, of vigorous habit; tall.

**Rinaldo.**—Crimson, with old gold reverse; stem and foliage perfect. One of the best of its color. 10 cts. each; \$5.00 per 100.

**The Egyptian.**—Although the color is dull red, yet the size of its flower and the splendid habit of the plant gives this variety prominence as a late exhibition sort. 10 cts. each; \$5.00 per 100.

**Violescent.**—Center white; outer petals tinged violet; a deep, well formed flower; rather tall.

**Viscountess Hambleden.**—Deep rose violet.

## Hairy.

As most of these varieties belong to the Japanese Incurved section, they may be shown as such. Their peculiarity consists of a covering of short glandular hairs on the reverse of florets. The varieties incurving closely show this hairy growth to the best advantage and are thus most desirable.

**Price, 5 cts. each; \$3.00 per 100, except where noted.**

**Beauty of Truro.**—A purplish bronze sport from Louis Boehmer. 10 cts. each; \$5.00 per 100.

**Golden Hair.**—Bright chrome yellow, suffused amber; petals very broad and closely incurved; densely covered with spines.

**Improved Louis Boehmer.**—A sport from L. Boehmer, and differs from that variety in color only, being a light pink.

**L'Enfant des deux Mondes.**—Grand white sport from L. Boehmer; strong grower of good habit.

**Louis Boehmer.**—Magenta pink; good, vigorous habit.

**Leocadie Gentils.**—(For description, see European collection.) 50 cts. each.

**Mrs. A. Hardy.**—Pure white; beautiful when well grown.

**Miss Annie Manda.**—Incurved, pure white flower; very high and compact. 10 cts. each; \$1.00 per doz.

**Mrs. C. B. Freeman.**—Sport from L. Boehmer; color varies from yellow to bronzy yellow, according to temperature.

**Mrs. Higinbothom.**—A large, rich, bright pink, with extremely wide cupping and incurving petals; habit, stem and foliage perfect.

**Mrs. Marguerite Carbone.**—White, shading to pink; very neat, compact in form; closely incurving.

**Mons. Pequemal de Roseville.**—Very large, double bronze; incurved. 10 cts. each; \$5.00 per 100.

**R. M. Grey.**—Color, terra cotta; one of the most distinct in its class. 10 cts. each; \$5.00 per 100.

**White Swan.**—This surpasses all of the whites of this section. Closely incurved, high built flower, and very heavily plumed. 10 cts. each; \$5.00 per 100.

## Reflexed.

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The reflexed flower should be nearly globular or hemispheroidal in outline, the florets falling downward and away from the center, thereby showing the upper surface. It has been customary to show the larger varieties of this section in the Japanese class (to which they are closely allied), providing the rules do not exclude them.

**Price, 5 cts. each; \$3.00 per 100, except where noted.**

**Amaranth.**—White, heavily shaded amaranth; strong grower; good substance; late; 3½ feet. 10 cts. each; \$6.00 per 100.

**Cullingfordii.**—Brightest crimson. For substance and brilliancy of color it is unsurpassed.

**Dorothy Tolor.**—Rose color; very high built and of excellent habit.

**\*Gold Standard.**—Form, color and style of Golden Wedding; one of the largest reflexed yellows; habit, strong and robust; extra early; terminal bud; 5 feet. 10 cts. each; \$5.00 per 100.

**\*Lawn Tennis.**—Reflexed; a very attractive shade of deep mauve; form perfect; substance unsurpassed. Mid-season. 3 to 4 feet. 10 cts. each; \$5.00 per 100.

**Miss Elma O'Farrell.**—Very late; peculiar shade of salmon rose; one of the best for late exhibitions.

**Parthenia.**—Pure white; petals somewhat twisted; dwarf and late.

**Sadi Tahib Bey.**—Beautiful rose pink. October flowering. 15 cts. each; \$10.00 per 100.

**Tuxedo.**—Very distinct in color, being a bright orange amber; useful as a bush plant; giving a decided and pleasing contrast.

## Large Anemone.

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The blooms of this class have two distinct sets of florets. The ray or outer ones are regularly arranged, forming a circle, and the center ones are quills closely set, presenting a high rounded center, giving the bloom a hemispheroidal form.

**Price, 5 cts. each; \$3.00 per 100, except where noted.**

**Ada Strickland.**—Symmetrical; rich, chestnut red; center full and high; ray petals broad, flat and regular.

**Descartes.**—Bright crimson red; dwarf habit; extra fine. 10 cts. each; \$5.00 per 100.

**Falcon.**—Flowers medium size; rays white shading to pink; center pale straw yellow.

**GEO. Hawkins.**—A bright, clear yellow, of the richest hue.

**Garza.**—Single row, broad ray petals; center well formed; white tipped yellow.

**Junon.**—Blush pink; cushion extra large and dense. 10 cts. each; \$5.00 per 100.

**Lady Margaret.**—Double row of guard petals; fine; large white.

**Mdme. Robt. Owen.**—Pure white; neat, good and distinct variety.

**\*Marcia Jones.**—Immense snow white of the Anemone class; perfect form; solid rows of guard florets with high cushion center; habit, stem and foliage perfect; 3 feet. 10 cts. each; \$5.00 per 100.

**Thorpe Jr.**—Pure, golden yellow; good exhibition flower.

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## Japanese Anemone.

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These blooms are remarkable for their large size and fantastic form. The disc is more or less regular in outline, but the ray florets vary considerably in length, breadth and arrangement.

**Price, 5 cts. each; \$3.00 per 100, except where noted.**

**Condor.**—Very large; rays tubular; compact center; rose purple; yellow tipped.

**Cinderella.**—White, with primrose disc; guard petals long, and incurved at tips. 10 cts. each; \$1.00 per doz.

**Delicatum.**—Long, delicate, blush guard petals: disc, pale cream, tipped yellow; fine high center.

**Duchess of Westminster.**—Long drooping guard florets: silvery blush; center very full rosy bronze.

**Enterprise.**—Ray florets, light rose; sulphur yellow center: blooms large and fine form.

**\*Halcyon.**—A pure white Anemone; extra large; broad guards with high center. Occasionally shaded pink from crown bud;  $3\frac{1}{2}$  feet. 10 cts. each; \$5.00 per 100.

**John Bunyan.**—Lemon yellow, with long, fluted guard petals; very high, bright yellow center.

**Judge Hoitt.**—Extra large, pale pink, somewhat irregular flower. Mid-season.

**James Weston.**—Ray petals white: center, lemon yellow.

**Mrs. F. Gordon Dexter.**—Double row of white rays; center deep rose pink, shading to red; good habit and fine foliage.

**Mrs. Hugh Gardner.**—Deep rose, high disc tipped gold. 35 cts. each.

**Owen's Perfection.**—Large, bright lilac guard florets, with large raised center of lilac, slightly tinted with gold.

**Queen Elizabeth.**—Silvery blush, long-petaled ray florets: center rose, tipped yellow.

**San Joaquin.**—Still one of the very best: center, light lemon yellow; guard petals pure white; fine for exhibition; good substance.

**Surprise.**—Very large flowers; forked and hooked guard petals: high center of pink florets: distinct. 10 cts. each: \$5.00 per 100.

**Satisfactio.**—Deep chrome yellow suffused with gold and amber; wide open trumpet laped disc florets; guard petals broad and flat.

**W. W. Astor.**—Long, flat guard petals: salmon blush; high center of rose and gold; extra fine.

## Pompon.

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Small flowers, averaging one and one-half inches in diameter, although some varieties are smaller. Most of this type produce reflexed flowers, which are very perfect in form. These and the Pompon Anemones are hardy in the northern states, many of them perfecting flowers outside, if planted in a sheltered position.

**Price, 5 cts. each; \$3.00 per 100.**

**Black Douglass.**—Rich, dark crimson; striking in color and very free.

**Golden Fleece.**—Clear yellow, small flower; early and free; one of the best for out-door planting.

**Golden Mdlle. Martha.**—Bright golden yellow; large and fine; mid-season; dwarf.

**Mdlle. Martha.**—Dwarf, rather large, fine white; mid-season.

**Mrs. Bateman.**—Orange brown; large.

**Snowdrop.**—Pure white; small flowers; very profuse bloomer.

**Wm. Kennedy.**—Rather large; crimson amaranth.

**Yellow Snowdrop.**—Yellow sport from Snowdrop.

## Pompon Anemones.

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As in large Anemones, the disc should be high and full, with ray florets flat and so regularly arranged as to be circular in outline. Where the schedule does not provide for this class, and its rules do not exclude them, they may be shown in the Pompon class.

**Price, 5 cts. each; \$3.00 per 100.**

**Antonious.**—Golden yellow guard florets and disc; rather large; mid-season and dwarf.

**Aglaia.**—Blush, changing to white.

**Astarte.**—Amber; very perfect form.

**Emily Rowbottom.**—Blush white, sport from Marie Stuart.

**Marie Stuart.**—Beautiful light pink; large; mid-season; an acquisition for made-up work or vases, giving grace and beauty to any arrangement.

**Mme. Montels.**—White guard florets; yellow disc; large; mid-season and dwarf.

**Mme. Chalonge.**—Blush guard florets; blush-shaded sulphur disc; mid-season.

**Mr. Astie.**—Golden yellow guard florets; rather large; mid-season.

**Mme. Sentir.**—White; beautiful high center.

**Prince of Orange.**—Light orange-amber.

**Reine des Anemones.**—Pure white.

**Rose Marguerite.**—Deep rose.

**Queen of Anemones.**—Rose crimson; medium; mid-season; dwarf habit.

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## Early Hardy Pompons.

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The many inquiries for hardy varieties that will flower before frost, prompted us to import this collection, which comprises the best grown in Europe.

**Price, 10 cts. each; \$5.00 per 100.**

**Bronze Bride.**—Rosy bronze sport from Blushing Bride.

**Flora.**—Golden yellow; free bushy habit.

**Frederick Marronet.**—Orange striped red.

**L'Ami Couderchet.**—Creamy white; dwarf habit; flowers small, but very profuse.

**Mme. Jolivart.**—Blush white; fine habit and very free.

**Mr. W. Piercy.**—Deep red, changing to orange.

**Mr. Selley.**—Rosy lilac: dwarf: compact habit and very free.

**Miss Davis.**—Pink sport from Mrs. Cullingford.

**Mdlle. Elsie Dordan.**—Soft, lilac pink: very neat, full globular bloom: early dwarf.

**Nanum.**—Creamy white, fine habit and very early.

**Piercy's Seedling.**—Orange bronze; dwarf; sturdy habit. A very useful variety.

**Illustration.**—White, shading to pink.

**St. Mary.**—Pure white.

**St. Crouts.**—Pink, small flowers.

## Single.

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Price, 10 cts. each; \$5.00 per 100.

**Eucharis.**—Pure white of beautiful form.

**Framfield Beauty.**—Deep rich velvety crimson.

**Mizpah.**—This is a little gem for decorative work. Its very dwarf habit and freedom for bloom make it exceedingly desirable for show houses, either as single specimens, placed between smaller plants, or in small pots as a border. 12 to 16 inches high; color, bright rose.

## Miscellaneous.

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10 cts. each; 75 cts. per doz. Price on larger quantities on application.

Brigand.	Louise.	Mrs. W. H. Phipps, Jr.
Clara Goodman.	Miss F. Pullman.	Portia.
Dean Hole.	Marie Louise.	Pluto.
Duchess of York.	Mrs. Gov. Fifer.	Rose Empertoise.
Daydawn.	Mrs. W. H. Lees.	Robt. Bottomly.
Elmer D. Smith.	Mrs. Joseph H. White.	Roslyn.
Flora Hill.	Mr. Chas. Molin.	Snowfield.
F. L. Atkins.	Mme. Octave Mirbeau.	Triumph de St. Laurent.
Infatuation.	Mrs. J. Geo. Ills.	W. G. Newitt.
John M. Kupfer.		

## Carnation Novelties for 1898.

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Prices for all Carnations are for Strong, Well Rooted Cuttings.  
Potted Plants will be Furnished at \$2.00 per 100 Extra.

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Price, \$2.00 per doz.; \$10.00 per 100; \$75.00 per 1,000, except where noted.

**Argyle.**—(Stollery.) Carmine pink; large flower borne on long stems; perfect calyx; healthy. Certificated.

**Bon Ton.**—(Ward.) Bright, warm scarlet: large, deeply fringed, fragrant flower on a stem as stiff as a reed.

**Cerise Queen.**—(Breitmeyer.) A very brilliant cerise. An improved Tidal Wave. Free and constant bloomer: predicted to be the coming dark pink commercial carnation.

**Evelina.**—(Witterstaetter.) A fine white of large size; good form and substance: an extra, free, early and continuous bloomer. Winner of Ward cup at Cincinnati, O., 1897. Certificated. \$2.00 per doz.; \$10.00 per 100; \$80.00 per 1,000.

**Gold Nugget.**—(Dorner.) Large yellow of pleasing form: free bloomer: good habit, form and stem; excellent keeping qualities.

**Jack Frost.**—(Swayne.) A large white, exceptionally fragrant and beautifully fringed. Said to do best when grown under glass during summer.

**John Young.**—(Ward.) Very double snow white flower deeply fringed: habit of Scott carnation.

**Mrs. James Dean.**—(Ward.) Large, clear, silvery pink of good habits. Certificated.

**New York.**—(Ward.) Bright cerise pink; vigorous, free, early and continuous bloomer. Certificated.

**Painted Lady.**—(Hill.) Brilliant cherry pink, at times laced lighter pink about the edge; profuse bloomer; good habits.

**Psyche.**—(Hill.) White flaked scarlet; an improved Helen Keller; healthy.

**White Cloud.**—(Dorner.) A large, fragrant white of strong growth; free bloomer from early to late, Certificated A. C. S.

## General Collection.

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**Alaska.**—Purest white, strong grower; good shipper and keeper. 40 cts. per doz.; \$2.00 per 100; \$15.00 per 1,000.

**\*C. A. Dana.**—Delicate shell pink; vigorous wiry grower; medium flowers on strong, stiff stems; splendid keeper. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1,000.

**Daybreak.**—Light pink, still one of the most popular sorts. 5 cts. each; 50 cts. per doz.; \$2.50 per 100; \$20.00 per 1,000.

**Della Fox.**—Salmon pink; very robust; highly commended. 60 cts. per doz.; \$3.00 per 100; \$25.00 per 1,000.

**Eldorado.**—Yellow; petals edged with pink; one of the very best of its color. 60 cts. per doz.; \$3.00 per 100.

**\*Flora Hill.**—Fine, large white; clean healthy grower; long, stiff stems; good keeper. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1,000.

**Jubilee.**—Scarlet; one of the largest reds; productive. 60 cts. per doz.; \$3.50 per 100; \$30.00 per 1,000.

**\*Lily Dean.**—Pure white, with delicate margin and penciling of clear pink; strong grower. 75 cts. per doz.; \$5.00 per 100.

**Lizzie McGowan.**—Pure white. 30 cts. per doz.; \$1.50 per 100; \$12.50 per 1,000.

**\*Mayor Pingree.**—Lemon yellow lightly striped pink, occasionally blotched white; good keeper. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1,000.

**\*Mrs. Chas. Duhme.**—Large delicate fragrant pink; vigorous grower; free bloomer. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1,000.

**\*Mrs. Geo. M. Bradt.**—Clear white, heavily edged and striped with bright scarlet; strong, vigorous habit. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1,000. \$1.00 \$6.00 \$50.00

**\*Mrs. Mc. Burney.**—Light salmon, with heavy waxen petals of distinct form. 75 cts. per doz.; \$5.00 per 100.

**\*Mapledale.**—An exquisite shade of soft salmon pink; very fragrant and most productive of any carnation we have grown; excellent keeping qualities. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1,000.

**Md. Diaz Albertini.**—Very large pink; fine habit. 40 cts. per doz.; \$1.50 per 100; \$20.00 per 1,000.

**Meteor.**—Brilliant crimson scarlet. 40 cts. per doz.; \$2.50 per 100.

**Portia.**—Very productive scarlet. 20 cts. per doz.; \$2.00 per 100; \$15.00 per 1,000.

**Rose Queen.**—Clear, rose pink; strong stem and productive. 40 cts. per doz.; \$2.50 per 100; \$20.00 per 1,000.

**Triumph.**—Pure pink; robust and productive. 40 cts. per doz.; \$2.50 per 100; \$20.00 per 1,000.

**Wm. Scott.**—Bright pink; good in every way. 40 cts. per doz.; \$2.00 per 100; \$15.00 per 1,000.

## Violets.

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### Double.

**Hardy English.**—Suitable for out-door planting in the Northern States, being very hardy. Color, dark purple, and exceedingly fragrant. 10 cts. each; 75 cts. per doz.

**Lady Hume Campbell.**—A little lighter in color than Marie Louise; free grower and productive. 5 cts. each; 50 cts. per doz; \$3.00 per 100.

**Marie Louise.**—This is the variety most generally grown under glass for flowers in Winter: one of the best. 5 cts. each; 40 cts. per doz.; \$3.00 per 100.

**Swanley White.**—Flowers double and pure white; good constitution and free flowering. 10 cts. each; 75 cts. per doz.

### Single.

**Admiral Avellan.**—Strong in habit like California; flowers dark purplish crimson. 5 cts. each; 50 cts. per doz.; \$5.00 per 100.

**California.**—Strong, robust habit; producing abundance of large, long-stemmed flowers. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

**Princess of Wales.**—(New.) The petals are wider than those of other violets, resembling those seen in pansies; the flowers being nearly as large as a silver dollar. Color, true violet blue. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

The prices quoted are for established plants in pots. Ready March 1st.

### Rooted Runners.

Those preferring rooted runners will be furnished as follows:

California, Lady Hume Campbell and Marie Louise, \$1.00 per 100; \$7.00 per 1,000.

Hardy English, Swanley White and Admiral Avellan. 30 cts. per doz.; \$1.50 per 100; \$10.00 per 1,000.

Princess of Wales. 75 cts. per doz.; \$5.00 per 100.

## Miscellaneous.

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### Not less than 5 Plants of a Variety at 100 Rates.

**Abutilons.**—Flowering Maples, Thompsonii plena, Rosilata, Souv. de Bonn, Purperia, Boule de Neige and Golden Fleece. 5 cts. each; \$4.00 per 100.

**Ageratum.**—White and blue. 5 cts. each; 40 cts. per doz.; \$2.50 per 100.

**Alternanthera.**—Four sorts. 5 cts. each; 40 cts. per doz.; \$2.50 per 100.

**Antirrhinum.**—(Snap Dragon.) Queen of the North. White. A very desirable plant for florists' use, being a continuous bloomer when planted outside in summer, as well as useful for forcing under glass. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

**Aquilegia.**—Assorted colors, 4-inch pots; will flower the coming season. 15 cts. each; \$1.25 per doz.; \$6.00 per 100. By express only.

**Asparagus Plumosus.**—15 cts. each; \$1.50 per doz.; \$6.00 per 100.

**Asparagus Sprengeri.**—15 cts. each; \$1.50 per doz.; \$6.00 per 100.

**Asparagus Tenuissimus.**—10 cts. each; 75 cts. per doz. \$4.00 per 100. Ready May 1st.

**Begonias.**—Splendid assortment of summer and winter blooming and rex. 5 cts. each; \$4.00 per 100.

**Begonias.**—Tuberous rooted, single, white pink, yellow and red; dry bulbs. 10 cts. each; 75 cts per doz.; \$5.00 per 100.

**Bougainvillea Glabra Sanderiana.**—One of the most useful plants of recent introduction. Flowers, rosy crimson, and produced very freely. To grow shapely plants they should be pruned occasionally, heading back the leaders. 15 cts. each; \$1.50 per doz.; \$10.00 per 100. Ready April 1st.

**Caladium Esculentum.**—Dry bulbs 5 to 7 inches in circumference; 5 cts. each; 50 cts. per doz.; \$4.00 per 100. 15 cts. per doz. extra if sent by mail.

**Caladium Esculentum.**—Dry bulbs 7 to 9 inches in circumference; 10 cts. each; \$1.00 per doz.; \$6.00 per 100. By express.

## CANNAS.—New.

**Gloriosa.**—Very dwarf in habit, seldom exceeding two feet in height; foliage large and light green. The truss of bloom measuring nine to ten inches in height, of a rich scarlet-crimson with a distinct golden band around each petal. This is unquestionably one of the very finest novelties in Cannas. 25 cts. each; \$2.50 per doz.

**Burbank.**—The new orchid-flowered Canna. A clear, beautiful yellow, magnificent in size; the petals spread fully seven inches, showing fine crimson spots at their base. 15 cts. each; \$1.25 per doz.

**Philadelphia.**—Very intense scarlet-crimson, in fact, we think the best bright red Canna to date. Strong, vigorous habit, with flowers five to six inches across. 25 cts. each; \$2.50 per doz.

**CANNAS.—Standard Varieties.**

**Alphonse Bouvier.**—Brilliant deep crimson, of vigorous habit and stooling rapidly. 10 cts. each; 75 cts. per doz.

**Chicago.**—One of the best scarlets and an exceedingly free bloomer. 20 cts. each: \$2.00 per doz.

**Egandise.**—Deep bronze foliage, edged with purplish bronze. Bright crimson and unsurpassed by any for free flowering. 10 cts. each; 75 cts. per doz.

**Madam Crozy.**—Scarlet with wide border of golden-yellow: dwarf. 10 cts. each; 75 cts. per doz.

**Queen Charlotte.**—Bright orange-scarlet, margined with golden-yellow. 10 cts. each: 75 cts. per doz.

**Robusta.**—Grown for foliage effect rather than flowers, and for this purpose it is most desirable. Large musa-like leaves, of a dark purplish bronze. 10 cts. each: 75 cts. per doz.

Dry bulbs 15 cts. per doz. extra by mail.

**Carnations**—For summer flowering, from 4-inch pots. 15 cts. each; \$15.00 per 100, in the following varieties: Portia, Mme. Diaz Albertini, Eldorado, Ophelia and Triumph.

**Cobea Scaudens.**—3-inch pots. 10 cts. each; \$6.00 per 100.

**Coleus.**—Best bedding sorts, including Golden Queen and Verschaffelti. 5 cts. each: 40 cts. per doz.: \$2.50 per 100.

**Cyclamen.**—White, pink, crimson, and crimson with white; 2½-inch pots. 15 cts. each; \$1.25 per doz; \$6.00 per 100. 4-inch pots. 20 cts. each: \$10.00 per 100. By express.

**Cyperus Alternifolius.**—Strong plants from 4 inch pots. 15 cts. each: \$1.25 per doz.; \$8.00 per 100. 2½-inch pots. 15 cts. each; 50 cts. per doz.; \$3.00 per 100.

**Ferns.**—Nephrolepis Cordata Compacta, dwarf sword fern; 2-inch pots. 10 cts. each; \$6.00 per 100. 3-inch pots. 15 cts. each; \$10.00 per 100.

During July, August and September, we can supply Pteris Tremula, P. Cretica Alba Leniata, P. Serrulata, P. S. Cristata, Blechnum, Braziliensis and Occidentale and several good varieties of Adiantums. 5 cts. each; \$4.00 per 100.

**Feverfew.**—5 cts. each; 40 cts. per doz.; \$2.50 per 100.

**Fuchsias.**—Fine assortment, double and single. 5 cts. each; \$3.00 per 100.

**GERANIUMS.—Single.**

**Fleur Pointevine.**—Brilliant rosy carmine, marbled with pure white, with a deep orange center. Dwarf and free flowering. 10 cts. each; \$6.00 per 100.

**J. Sallier.**—Very vigorous and free flowering habit; trusses large and of perfect form, entirely distinct from existing varieties; edges of petals of carmine lake, with rose center. 10 cts. each; \$6.00 per 100.

**L'Aube.**—Extra large truss, pure snow white, which it retains the entire season. The best single white to date. 10 cts. each; \$5.00 per 100.

**Mrs. Alphonsine Thome.**—Very large trusses of light rose, upper petals marked white. 15 cts. each; \$10.00 per 100.

**Mme. Bruant.**—A distinct and striking variety, of free, easy growth, and exceedingly free flowering. White veined with carmine lake, producing a striped effect. 15 cts. each; \$5.00 per 100.

**Theodore Theulier.**—Brilliant vermillion scarlet. One of the very best bedding varieties. 15 cts. each; \$10.00 per 100.

One each of the foregoing, 60 cts.

### GERANIUMS.—Double.

**Claire Fromont.**—An immense semi-double truss, florets of the largest size; beautiful rose pink, without salmon or magenta shading. 15 cts. each; \$8.00 per 100.

**Duc de Montemart.**—Very large rich velvety carmine, upper petals marked with blush lilac; dwarf and exceedingly free flowering. 15 cts. each; \$8.00 per 100.

**J. Ricard.**—A very fine flowering variety, with a long stem and an enormous truss of a very intense shade of purplish crimson. Should be in every collection. 15 cts. each; \$8.00 per 100.

**M. Alphonse Ricard.**—Clear orange red; trusses of the largest size, of the finest and the free blooming. 15 cts. each; \$8.00 per 100.

**Mme. Jaulin.**—This is an entire distinct color in the Bruant or bedding type. A truss of grand size, composed of very large florets; the center of which are delicate pink bordered with pure white. 15 cts. each; \$10.00 per 100.

**Pres. Victoria Dubois.**—Enormous semi-double trusses, of clear magenta. A new color in the Bruant type. 10 cts. each; \$6.00 per 100.

One each of the six new double Geraniums, 70 cts., or one each of the six double and six single, \$1.20.

### GERANIUMS.—General Collection.

**La Favorite.**—The finest of all double whites for bedding or market purposes. 5 cts. each; \$4.00 per 100.

**Margerite Pinon.**—Clear rose shading to dark rose. A beautiful and distinct double variety. 5 cts. each; \$4.00 per 100.

**M. A. Borie Aine.**—Immense truss, florets very double; brilliant red; dwarf habit. 5 cts. each; \$4.00 per 100.

**Pierre Mael.**—One of the finest and most striking single varieties; color violet lake spotted and striped with white, like Souv. de Mirand. 10 cts. each; \$6.00 per 100.

**Ray Blas.**—(Double.) One of the finest of its color for bedding or pot culture. Immense trusses with salmon center and a rose peach border. 5 cts each; \$4.00 per 100.

**S. A. Nutt.**—The most popular double bedding Geranium to-day. A fine truss of the brightest scarlet-crimson, stems long throwing the flowers well above the foliage. 5 cts. each; \$3.50 per 100.

**Surprise.**—(Double.) Brilliant red, upper petals marked with white. Distinct from any other variety, both in color and arrangement of colors. 10 cts. each; \$6.00 per 100.

**Wm. Pritzer.**—(Double.) Bright apricot shading to salmon at the edges of the petals. 5 cts. each; \$3.50 per 100.

In May and June we can supply large Geraniums from 4-inch pots in fine assortment. Price on application.

**Gladiolus.**—Finest mixed, all colors. 25 cts. per doz.: \$1.50 per 100; 15 cts. per doz. extra if sent by mail.

**Gloxinia.**—Dry bulbs, finest mixed; 10 cts. each; \$1.00 per doz.; \$6.00 per 100. 15 cts. per doz. extra if sent by mail.

**Grevillea Robusta.**—2½ inch pots. 15 cts. each; 50 cts. per doz.; \$3.00 per 100.

**Helianthus Multiflorus.**—Hardy sun flower; double; 3-inch pots; April 1st. 10 cts. each; \$6.00 per 100.

**Helianthus Multiflorus.**—(Soleil d'Or.) Single, very free flowering. 15 cts. each; \$1.00 per doz.

**Hulmus.**—(Japanese Hop.) A remarkable strong growing plant, suitable as a climber or for filling boxes or vases. 5 cts. each; \$4.00 per 100.

**Variegata.**—Same as the above, with the exception that the foliage is very handsomely blotched with pure white and gray. 10 cts. each; \$6.00 per 100.

**Lemon Verbena.**—5 cts. each; 50 cts. per doz.; \$3.00 per 100.

**Pelargoniums.**—Best sorts unnamed. 10 cts. each; 60 cts. per doz.; \$5.00 per 100.

**Petunias.**—Best double fringed. 10 cts. each; 50 cts. per doz.; \$3.00 per 100.

**Phlox.**—(Hardy.) Fine assortment, unnamed, in separate colors. Strong clumps. 10 cts. each; 75 cts. per doz. By express only. From 2-inch pots. 5 cts. each; \$4.00 per 100.

**Poppy.**—(Oriental.) Hardy, large bright crimson flowers. 15 cts. each; \$1.25 per doz.; \$6.00 per 100. By express only.

**Rudbeckia—Golden Glow.**—A very showy hardy perennial, producing abundance of double bright yellow flowers, resembling the Dahlia in size and general appearance. 5 feet. 10 cts. each; 75 cts. per doz.; \$5.00 per 100.

**Smilax.**—2½ pots. 5 cts. each; \$3.00 per 100.

**Tuberoses.**—Excelsior Pearl. 25 cts. per doz.; \$1.50 per 100. 15 cts. extra if sent by mail.

**Vinca.**—Major Variegata. 3-inch pots. 10 cts. per doz.: \$4.00 per 100.

During the spring months we can furnish such vining plants as Lobelia, Othona, Nasturtiums, Glechoma and Maurandia. 5 cts. each; 50 cts. per doz.; \$3.00 per 100.

**We solicit correspondence from those desiring plants in quantity, as we are sometimes in position to make a special low price on certain stock.**

## Collections.

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### Special Offer to those Desiring a Collection of the Choicest Varieties at Greatly Reduced Rates.

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No. 1.—50 Chrysanthemums as follows: 7 novelties of 1898, <b>all certificated by C. S. A.</b> ; 10 Japanese, best of 1897; 20 Japanese best standard varieties; 13 best of other collections	\$5 00
No. 2.—25 Chrysanthemums as follows: 5 novelties of 1898, <b>all certificated by C. S. A.</b> ; 5 Japanese best of 1897; 10 Japanese best standard varieties; 5 best of other collections	3 00
No. 3.—100 Chrysanthemums, in 50 or 100 choice varieties	5 00
No. 4.—50 Chrysanthemums, in 25 or 50 choice varieties	3 00
No. 5.—20 Chrysanthemums, best 20 exhibition varieties	1 00
No. 6.—10 Chrysanthemums, best 10 exhibition varieties	50
No. 7.—5 new Carnations of 1897	50
No. 8.—10 Carnations, best standard kinds	50
No. 9.—6 best Violets	50
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